4, 1997, which is a continuation-in-part of and claims priority to U.S. patent application serial No. 08/628,773, filed April 5, 1996, now issued as U.S.

Patent No. 5,788,625. - -

In the Claims

Please cancel claims 1 - 48.

Please add new claims 49 -54 as follows:

a2

A method of reconstructing a joint having two bones separated by 49. cartilaginous material, said method comprising

removing a portion of the cartilaginous material to create a defect site; positioning an anatomically shaped reconstructive structure comprising multiple layers of submucosa and having a thickness of about 1 to about 12 millimeters adjacent to said defect site; and

securing said reconstructive structure to said defect site.

- The method of claim 49 wherein said cartilaginous material is hyaline 50 cartilage.
- The method of claim 49 wherein said cartilaginous material is elastic 51. cartilage.
- The method of claim 49 wherein said cartilaginous material is 52. fibrocartilage.